

**61G17-6.007 Horizontal and Vertical Controls
for Public and Private Construction Layout.**

(1) Section 472.003(3), Florida Statutes, provides an exemption from licensing for certain classes of individuals performing construction layout from boundary, horizontal and vertical controls that have been established by a licensed professional surveyor and mapper. This rule is designed to set out what constitutes horizontal and vertical controls.

(2)(a) Horizontal control monumentation for the purpose of this rule includes:

1. Points of Curve, Points of Tangency, Points of Tangent Intersections, Points on Line and Points on Curve.
2. Points of Intersection of other streets or roads.
3. Angle points or changes in direction.

(b) Horizontal control monumentation for road centerline, right-of-way lines, reference lines or base lines shall be at least a minimum of two (2) points placed so that no point on the line being monumented is more than 700 feet from a control monument.

(c) Horizontal control monumentation for main utility lines (such as water, sewer, storm drainage, electric, telephone, television, gas, etc.) when not constructed within or along a road right-of-way control in accordance with subsection (2)(b) shall be at least a minimum of two (2) points placed so that no point on the line being monumented is more than 700 feet from a control monument.

(d) Horizontal control monumentation for buildings and/or primary constructions shall be at least:

1. Boundaries or,
 2. Control or base lines (minimum of 2 points)
- or,
3. A minimum of a four-corner envelope for non-residential construction improvement layout.

(e) Horizontal control monumentation required by plans as a control for horizontal location not included in subsections (2)(b), (c) or (d) shall meet the requirements of (2)(a).

(3) All construction requiring benchmarks shall have a minimum of two (2) existent or established benchmarks for vertical control.

(4) Vertical control for linear type construction sites such as roads and sewer lines shall have a maximum of 1,100 feet between existent or established benchmarks.

(5) Vertical control for acreage construction sites shall have two (2) existent or established benchmarks on the first ten (10) acres plus an additional benchmark for each additional ten (10) acres.

Specific Authority 472.008, 472.027 FS. Law Implemented 472.003(3), 472.027 FS. History—New 5-20-92, Formerly 21HH-6.007, Amended 12-25-95.